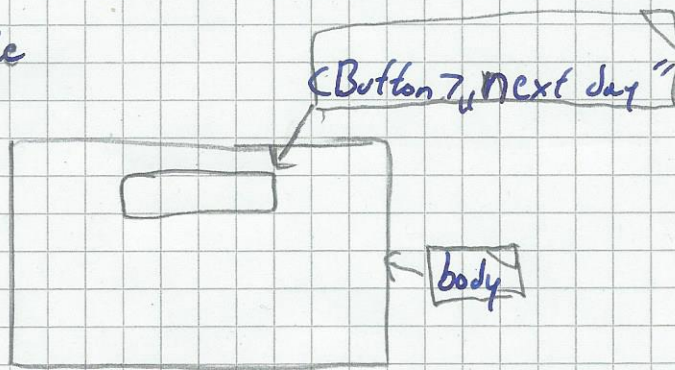
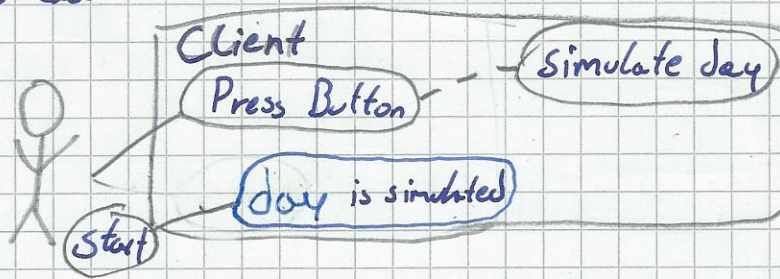


UI-Scribble



Use-Case



Animal

Species: string

Feed : string

Sound : string

Feed Rations: number

Feed Factor: number

Constructor (-species, -feed, -sound, -feedFactor)

eat

Sing

Activity Diagram: Animal

Constructor

-species: string

-feed : string

-sound : string

-feedFactor : number

set this.species to -species

set this.feed to -feed

set this.sound to -sound

set this.feedFactor to -feedFactor

set this.feedRations to $10 + 100 * \text{Math.random}()$

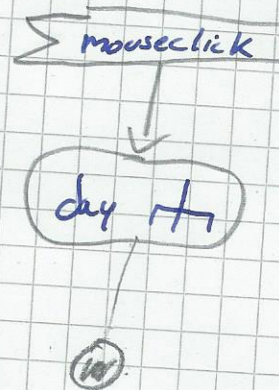
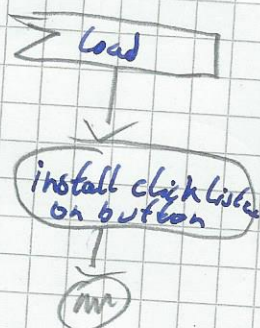
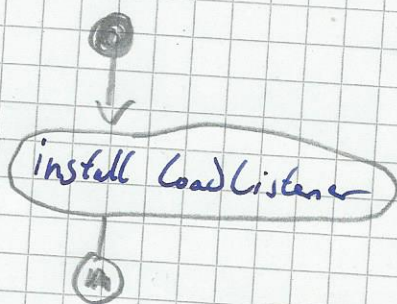
eat

this.feedRations = $1 * \text{this.feedFactor}$

console.log(this.feed + "left:" + this.feedRations)

Sing

console.log(this.species + this.sound + lyrics)



```
giraffe = new Animal ("Giraffe", "burst", "leaves")
elephant = new Animal ("Elephant", "toot", "Sugar cubes")
Lion = new Animal ("Lion", "roar", "Zebra meat")
Crocodile = new Animal ("Crocodile", "tack", "fish")
Zebra = new Animal ("Zebra", "neigh", "grass")
```

day

```
giraffe.sing
giraffe.cat
elephant.sing
elephant.cat
Lion.sing
Lion.cat
Crocodile.sing
Crocodile.cat
Zebra.sing
Zebra.cat
```

